

Converting Colors

YUV(172.3910, -40.1258,
-9.9899)

Have a look what the booklet for
YUV(172.3910, -40.1258, -9.9899)
contains.

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Color

**YUV(172.3910, -40.1258,
-9.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C25B
RGB	161, 194, 91
RGB Percent	63%, 76%, 36%
CMY	0.3686, 0.2392, 0.6431
CMYK	0.17, 0.00, 0.53, 0.24
HSL	79°, 46%, 56%
HSV	79°, 53%, 76%
XYZ	35.8781, 46.9160, 17.0622
YIQ	172.3910, 13.3950, -39.0290

Conversions

Conversions Part 2

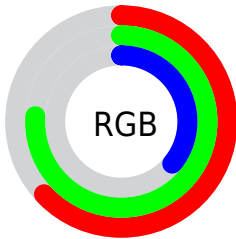
Format	Color
RYB	91, 194, 124
Decimal	10601051
CIELab	74.14, -27.16, 47.58
CIELCh	74, 54.789, 119.721
Yxy	46.9160, 0.3593, 0.4698
Android (android.graphics.Color)	4288791131 (0xFFA1C25B)
YUV	172.3910, -40.1258, -9.9899
Hunter-Lab	68.4952, -26.3677, 33.1775

Details

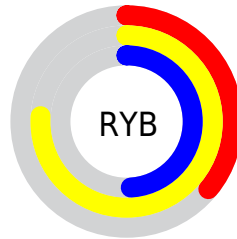
The YUV color **172.3910, -40.1258, -9.9899** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **112.6090, 40.1258, 9.9899**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9350, -41.8730, -9.5900**, and **118.6190, -39.2522, -10.1899** is the 20% darker color. If you saturate the color by 10%, you get **168.4310, -47.5405, -11.7790**, and if you desaturate by 10%, it is **176.3510, -32.7110, -8.2008**.

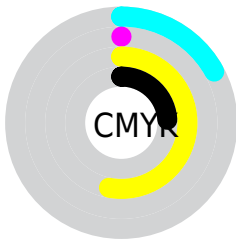
Distribution



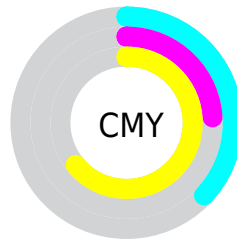
- Red (63%)
- Green (76%)
- Blue (36%)



- Red (36%)
- Yellow (76%)
- Blue (49%)



- Cyan (17%)
- Magenta (0%)
- Yellow (53%)
- Black (24%)



- Cyan (37%)
- Magenta (24%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3910, -40.1258, -9.9899 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 172.3910, -40.1258, -9.9899 by changing the saturation by 10% instead.

■ 172.3910,
-40.1258, -9.9899

■ 172.3910,
-40.1258, -9.9899

255.0000, 0.0000,
0.0000

■ 145.5050,
-39.6890, -10.0899

■ 228.9350,
-41.8730, -9.5900

■ 118.6190,
-39.2522, -10.1899

■ 243.0320,
-35.5118, 3.4799

■ 92.5220, -42.1623,
-10.1048

■ 248.6160,
-24.4607, 5.5988

■ 69.2750, -34.1526,
-12.5192

■ 251.9220,
-11.7935, 2.6994

■ 47.7120, -23.5220,
-15.5334

■ 25.8280, -12.7332,
-22.6512

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 172.3910,
-40.1258, -9.9899

■ 172.3910,
-40.1258, -9.9899

■ 168.4310,
-47.5405, -11.7790

■ 176.3510,
-32.7110, -8.2008

■ 164.3570,
-55.3920, -13.4681

■ 180.4250,
-24.8595, -6.5117

■ 160.0980,
-62.6593, -15.8719

■ 184.6840,
-17.5922, -4.1079

■ 156.0240,
-70.5108, -17.5610

■ 188.7580, -9.7407,
-2.4188

■ 153.3460,
-75.5996, -18.7204

■ 192.7180, -2.3260,
-0.6297

■ 196.6780, 5.0887,
1.1594

■ 201.0510, 12.7929,
3.4633

■ 205.0110, 20.2076,
5.2524

■ 207.8310, 23.2543,
8.0412

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.3530, -48.9810, 30.3854



172.3910, -40.1258, -9.9899



162.5710, -16.5505, -58.3828

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



172.3910, -40.1258, -9.9899



146.4700, 53.5053, -128.4542



178.9280, 2.9935, 66.7151

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



172.3910, -40.1258, -9.9899



112.6090, 40.1258, 9.9899

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



187.6820, 22.8348, 49.3909



172.3910, -40.1258, -9.9899



164.8410, 44.4484, -70.0206

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172.3910, -40.1258, -9.9899



147.8430, 40.9964, -129.6583



183.2890, 35.3535, 0.6235



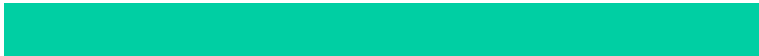
176.1630, -20.2934, 69.1400

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.3910, -40.1258, -9.9899



140.0910, 11.2941, -122.8598



183.2890, 35.3535, 0.6235



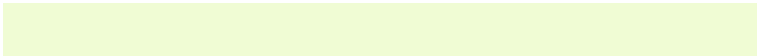
182.0400, 9.8403, 63.9859

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



172.3910, -40.1258, -9.9899



243.8520, -15.7030, -3.3782



141.1680, -24.7328, 46.3337



122.7580, -9.7407, -2.4188



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.3910, -40.1258, -9.9899



218.3970, -62.8067, -15.2572



157.1420, -32.6080, -41.3435



94.9630, -3.9258, -0.8446



127.0980, -62.6593, -15.8719



26.2480, -12.9403, -2.8485

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



112.6090, 40.1258, 9.9899



124.9020, 62.6593, 15.8719



127.8580, 32.6080, 41.3435



89.0370, 3.9258, 0.8446



33.6030, 62.8067, 15.2572



7.0510, 12.7929, 3.4633

Previews

White Background



This preview shows how the YUV color 172.3910, -40.1258, -9.9899 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 172.3910, -40.1258, -9.9899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

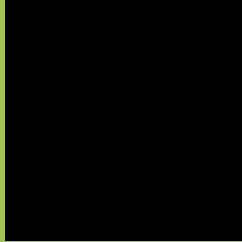
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.3910, -40.1258, -9.9899

Background



This preview shows how black text looks on a background with the YUV color 172.3910, -40.1258, -9.9899.



This preview shows how white text looks on a background with the YUV color 172.3910, -40.1258, -9.9899.

-9.9899.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

172.3910, -40.1258, -9.9899

Protanopia

176.8510, -44.2965, 21.1787

Deuteranopia

179.1720, -41.0038, 38.4372



Tritanopia

181.9050, 7.4418, -6.9327

Trichromacy



Original Color

172.3910, -40.1258, -9.9899

Protanomaly

174.8280, -42.8062, 9.7978

Deuteranomaly

176.7630, -40.8022, 20.3788

Tritanomaly

178.3120, -10.0138, -8.1666

Monochromacy



Original Color

172.3910, -40.1258, -9.9899

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1940, -14.3926, -3.6781

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3910, -40.1258, -9.9899 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(161, 194, 91)` looks like.

```
.text, #text, p{  
    color:rgb(161, 194, 91)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(161, 194, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 194, 91) }
```

Border

The CSS property to change the border of an element to YUV 172.3910, -40.1258, -9.9899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 194, 91) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(161, 194, 91) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(161, 194, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 194, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 194, 91);  
box-shadow:4px 4px 4px 4px rgb(161, 194,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 172.3910, -40.1258, -9.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 194, 91) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(161,  
194, 91) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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